

Chamika Thennakoon

Phone Number - +94 771537337 **Email** - thennakoonchamika11@gmail.com

Linkedin - [linkedin.com/in/chamika-thennakoon](https://www.linkedin.com/in/chamika-thennakoon) **GitHub** - <https://github.com/chamika-11?tab=repositories>

Portfolio - <https://chamika-11.github.io/Portfolio/>

ABOUT

I'm a Software engineering student with hands-on experience in developing AI-driven applications. Proficient in building intelligent, scalable software using modern frameworks and tools. Adaptable and collaborative, capable of thriving in diverse environments. Dedicated to delivering high-quality, real-world solutions under tight deadlines, with a strong commitment to continuous learning and innovation.

SKILL SUMMARY

- **Languages:** Java, Python, C#, JavaScript, C, C++, HTML, CSS
 - **Frameworks:** React, .NET, Node, Express, Streamlit
 - **Databases:** MySQL, MongoDB, SQL Server
 - **Libraries/Tools:** Langchain, Pytorch, ONNX, OpenCV, Tesseract
 - **Architectures & Infrastructure:** MCP Servers, OOP, CNN, RAG
 - **Development Tools:** VS Code, MS Copilot Studio, Eclipse, IntelliJ IDEA, R Studio, NetBeans, Azure Services
-

PROFESSIONAL EXPERIENCE

ENADOC

MAR 2025 - PRESENT

AI ENGINEERING INTERN

Gaining hands-on experience in AI development, computer vision, and real-world software engineering within a professional environment.

- Co-developed a YOLOv8-based face verification module with webcam auto-capture and face alignment.
- Contributed to the development of a CNN + OCR system to identify empty fields in scanned forms and auto-fill using LLM integration.

PEOPLE'S BANK

SEP 2022 - SEP 2023

BANKING TRAINEE

- Gained experience in organizational operations and financial analysis.
- Developed strong customer-facing and time management skills.
- Supported internal system audits and contributed to a team digitization initiative to improve reporting efficiency.

EDUCATION

Sri Lanka Institute of Information Technology (SLIIT)

MAY 2023–Present

BSc (Hons) in Information Technology Specialising in Software Engineering

PROJECTS

Medical Health Flow Management System

- Contributed to the development of an AI-powered clinical workflow platform that improves treatment accuracy and streamlines healthcare processes.
- Focused on integrating AI models for patient data analysis and clinical decision support.
- **Technologies Used:** React, Node, Express, MongoDB, Gemini 2.5 flash

Employee Management System

- Collaborated in a team to design and implement a comprehensive employee management web application using OOP and MVC architecture.
- Developed features for employee data handling, leave management, and role-based access control.
- **Technologies Used:** Java, MySQL, HTML, CSS, JavaScript

Tea Supply Management System - (On Going)

- Leading the development of a secure digital platform to streamline tea order processing and inventory management.
- Implemented CRUD operations and role-based authentication for suppliers and administrators.
- **Technologies Used:** ASP.NET Core, Angular, SQL Server,

AI/ML Projects

- Developed an OCR system to extract data from scanned documents and integrated it with a large language model for intelligent query answering.
 - Built traditional and agentic Retrieval-Augmented Generation (RAG) chat systems for interactive user conversations with LLMs.
 - Currently studying naive and hybrid RAG techniques for enhanced retrieval.
 - **Technologies Used:** Python, FastAPI, OpenCV, Tesseract OCR, LangChain
-

REFERENCE

Shashika Malagamuwa

Head of Sales and Marketing,
MegaPay (Pvt) Ltd
Phone: 1825-965-7634

Dhananjana Rathnayaka

AI Engineer (Supervisor)
Enadoc
Phone: +94760234427